United States Environmental Protection Agency
Pollution Report

**I. HEADINGS**

DATE: May 8, 2000

SUBJECT: Pollution Report for the Windham Alloys Site, Windham, Portage County, Ohio

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POLREP # 7 (Removal - Funded)

**II. BACKGROUND**

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|---|---|
| Site No: | B5E5 |
| NPL Status: | Non-NPL |
| Response Authority | CERCLA |
| State Notification: | OEPA |
| Start Date: | March 13, 2000 |
| Completion Date: | TBD |
| Latitude: | 41° 14' 48" N |
| Longitude: | 81° 03' 45" W |
| CERCLA Incident Category: | Fund Lead-Removal Action |

**III. SITE INFORMATION**

A. Incident Category:

Fund Lead- Removal Action

B. Site Description:

1. Site location and background

Refer to Polrep #1.

2. Description of threats:

Refer to Polrep #1.

3. Previous Response Activities

None.

**IV. RESPONSE INFORMATION**

A. Situation

1. Current situation

On March 20, 2000, U.S. EPA, START contractors, and ERRS contractors mobilized to site to begin removal activities at the Windham Alloys site. To date, over 5,000 cubic yards of waste and contaminated soil have been excavated and staged on site. Approximately 1,000 cubic yards of this material have been treated on site with cement kiln dust. Also, over 350,000 gallons of contaminated water have been collected. Approximately 240,000 gallons of contaminated water have been transported off-site to Envirite of Ohio, Inc., located in Canton, Ohio for final disposal.

2. Removal actions to date:

On May 1, 2000, ERRS continued to transport water off site for final disposal and continued on site treatment of contaminated soil. The soil was treated to approximately 15% kiln dust by volume. ERRS also continued to transfer materials between the treatment and staging areas. START conducted air monitoring during all site activities and collected a 10 point composite sample of the treated soil. The sample was sent to North Coast Environmental Laboratories for TCLP lead and chromium analysis.

On May 2, 2000, ERRS continued on site treatment of contaminated soil with a lower percentage of kiln dust. The volumetric percentage of kiln dust was adjusted down to 10%. ERRS also continued to transfer materials between the treatment and staging areas. Due to overnight storms, ERRS conducted water management and collected approximately 20,000 gallons of contaminated water. START conducted particulate air monitoring during all site activities and field screened treated soil samples for pH.

On May 3, 2000, ERRS continued on site treatment of contaminated soil, and, based on analytical concerns, further reduced the volumetric mixture down to 6.25% kiln dust. ERRS also continued to transfer materials between the treatment and staging areas. ERRS began to pump water from center drainage ditch into 20,000 gallon tanks to await transportation off site for final disposal. START conducted particulate air monitoring during all site activities and field screened treated soil samples for pH. START also collected a 10 point composite sample of the treated soil. The sample was sent to North Coast Environmental Laboratories for TCLP lead and chromium analysis.

On May 4, 2000, ERRS continued on site treatment of contaminated soil with 6.25% kiln dust. ERRS also continued to transfer materials between the treatment and staging areas. ERRS completed pumping water from the center drainage ditch into 20,000 gallon tanks to await transportation off site for final disposal. START conducted particulate air monitoring during all site activities and field screened treated soil samples for pH. START also collected a 10 point composite sample of the treated soil. In addition, ERRS collected two 10 point composite samples of the soil treated to 15% kiln dust to assess if additional curing time affected the pH of the mixture. The samples was sent to North Coast Environmental Laboratories for TCLP lead and chromium analysis.

On May 5, 2000, ERRS continued on site treatment of contaminated soil with 6.25% kiln dust. ERRS also continued to transfer materials between the treatment and staging areas. START conducted particulate air monitoring during all site activities and field screened treated soil samples for pH. START also collected a 10 point composite sample of the treated soil. The sample was sent to North Coast Environmental Laboratories for TCLP lead and chromium analysis.

B. Next Steps

- Continue on-site treatment of waste.
- Continue transportation and disposal of wastes (treated soil, non-haz debris, contaminated water).
- Restore excavated areas to original grade, including a 12-inch clay surface.

C. Key Issues

- The on-site treatment plan had to be modified to bring the pH of the treated material to a more optimal level.

**V. Cost Information** (Costs as of 5-2-00)

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|---|---|
| ERRS | $353,407.30 |
| U.S. EPA | $ 27,509.10 |
| START | $ 19,073.59 |
| Total | $399,989.99 |

**VI. Disposal of Wastes**

| Waste Stream | Quantity | Disposal Method | Disposal Facility |
|---|---|---|---|
| Non-Hazardous, Non-Regulated Liquid | 240,000 gallons | Recycling | Envirite of Ohio, Inc. Canton, Ohio |